

# KADECO®



## ROLLER BLINDS & PANEL TRACKS



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## KADECO-Roller blinds & Panel tracks

### Diversity meets design

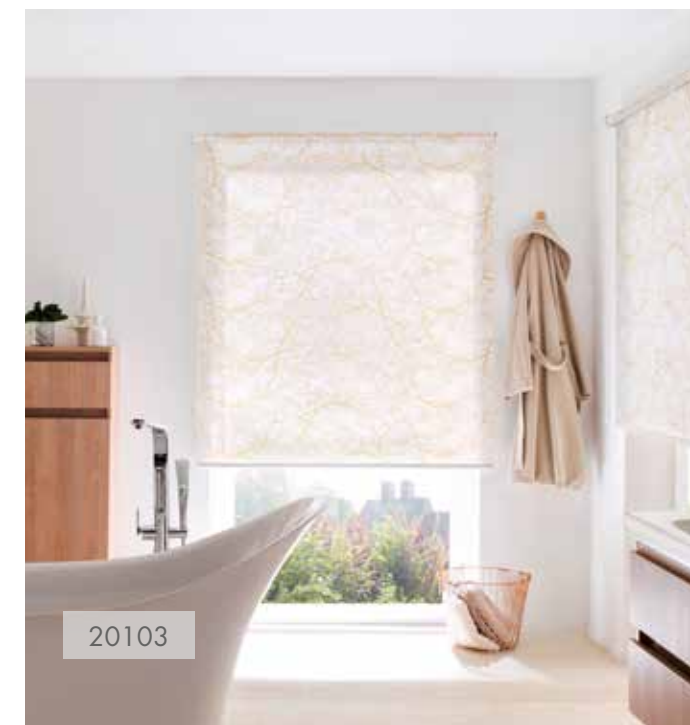
The current KADECO collection captivates and excites with a refined sense for attitudes to life and moods. An unparalleled range of fabrics from subtle, elegant patterns to trendy, harmonious worlds of colour – roller blinds offer you a tailored solution for a wide range of requirements.

Discover a never-ending range of colour and specially designed exclusive patterns and fabrics which will fit perfectly to your personal style of interior design.

Following the Scandinavian hygge trend, our design team has developed colour combinations which create a sense of comfort, warmth and lightness in every room. We are happy to introduce our diverse collection featuring fabrics which are ideal not just for roller blinds, but are also wonderful for panel tracks.

Whether you're looking for sun protection, a colourful design element for your room ambience or just a little protection against the warmth, the possible uses for our roller blinds are virtually endless.

When it comes to our craftsmanship and creative variety, we impress with our unique aesthetic and bespoke "Made in Germany" roller blinds.



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### Refined engineering and function

Alongside the design, the functionality of roller blinds is of great importance. New drive technologies ensure the standard and cassette systems are convenient and simple to use.

Many details of the cassette roller blind design have been reworked and a modern square variant has been added to the range (SKE). The straight design fits perfectly into a modern interior.

Many roller blind technologies are now available in the new, elegant, trendy-white fine structure.

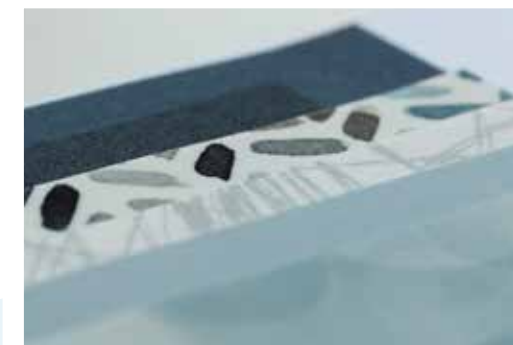




## Colour trends

### Our trend theme colour

It does not take much to obtain a proper, hyggely atmosphere, only the right colours. They underline the unmistakably minimalist yet at the same time warm Scandinavian living style and provide comfort and serenity. We have therefore defined trend colours that provide a comfortable, feel-good atmosphere.



### We're going green

From luxurious to natural, from classic to contemporary: our new green tones are varied and versatile. Whether cool tones of green, subtle sage green, delicate lime green or deep bottle green – these colours harmonise calmly and serenely with wood tones, as well as with natural materials. They appear cool and fresh together with white and grey, and offer exciting combinations with concrete, metal and velvet.



### Blue-grey for moments of relaxation

Discreet, quiet pastel shades are typical of the Nordic Scandinavian style; with their lightness, they set perfect, minimalist accents in your interior design.

Our soft blue-grey shades are an excellent match for interior Scandinavian dreams, and are ideal for combining with light wood tones and white. Whether as a dreamy watercolour design, elegant in conjunction with anthracite and brown, or cool on monochrome surfaces – the possible applications of KADECO trend colours are varied and are our response to the hygge lifestyle.



### Our high-contrast triad

Our unbeatable combination of the three colours yellow, black and white ideally matches the current retro look and the formal language of the 50s, which is frequently characterised by graphic patterns. The bright bold colour combinations work together to create a refreshing and expressive atmosphere, and guarantee a good mood in any room.



# Functional fabric properties

KADECO roller blinds offer an infinite variety of colour, style and material combinations.

## Fabrics and their properties

Our article charts for the individual properties enable a quick overview and specific advice for individual projects and areas of application. The relevant planning properties and colours were sorted for the design concept.



LevelGreen



The **LevelGreen fabrics** extend the range more towards environmentally friendly products. By using recycled materials, we conserve resources and protect the environment. The fabrics are certified according to the newest sustainability standards.

TreviraCS



The permanently flame-resistant **TreviraCS fabrics** offer convenience and security. They guarantee long-term security and meet global fire safety regulations. **TreviraCS fabrics** impress with both the look and feel of the textiles.

LightControl



The **LightControl fabrics** guarantee a fully comfortable working environment. They feature various transmittance levels to provide the ideal glare protection for each workplace, for windows facing any direction. The fabrics are PVC-free and certified according to the OEKO-TEX® standard 100.



AluReflect



The aluminised fabrics of the **AluReflect range** are available in various designs and transparency levels. In addition to good glare protection at work, heat protection also plays an important role and the desired transparency can be perfectly tailored to your needs.

ScreenStyle



Fabrics of the **ScreenStyle** series feature a textile aesthetic and pleasant visibility toward the outside. The fabrics are certified according to the newest sustainability standards and comply with global fire safety regulations.

ScreenClassic



Good light regulation can significantly improve the level of comfort in a room. The **ScreenClassic fabrics** – produced with great care for resources and in accordance with the newest sustainability certificates – are available in four opening types, so they can be tailored to the light requirements in the room.



# Model overview

**Technical systems**  
The KADECO range of roller blinds comprises four basic systems, each of which offers a perfectly matching solution for virtually any application.



**Classic roller blinds**  
BS, S, SI and OMNIA chain-pull roller blinds



**Classic roller blinds with carrier profile**  
ST chain-pull roller blinds



**Cassette roller blinds**  
Semi-cassette SKH, mini-cassette SKM, cassette roller blinds SKR/SKE, recess cassettes



**Rooflight roller blinds**  
DFS, DFK and DFA rooflight roller blinds



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Classic roller blinds

BS chain-pull roller blinds



BS	
Dimensions in cm	
Max. width	180
Max. height	200
Bottom end profile/components colour	
White/White	Standard

BasicLine is our entry-level model offering particularly good value for money – complete with chain operation and infinite height adjustment.

S40, S55 and S75 chain-pull roller blinds



S40



Unobtrusive covers give them a lovely appearance and conceal the fastening screws.



S55

The thickness of the rods varies depending on the dimensions; widths of up to 350 cm are possible. Over and above this maximum dimension, widths of up to 560 cm can be achieved (with a material gap of just 22 mm) by:

- a motor on one side with synchronously moving drapes (rods) or
- manual operating mechanisms on both sides with individually adjustable drapes (rods).



S75 (Figure version with carrier profile)

Model S roller blinds come in three sizes featuring balanced proportions, and are superbly practical. Thanks to the newly engineered swivelling gear, the drape can be positioned just as you want and with the greatest of ease.

	S40	S55	S75
Dimensions in cm			
Max. width	200	280	350
Max. height	340	340	340
Bottom end profile/components colour			
White microstructure/White	Standard	Standard	Standard
Anodised aluminium/Grey	○	○	○
Black/Black	○	○	-
Options			
Metal chain	MO	MO	-
Anti-swing mechanism	MO*	MO*	-
LITIO motor	-	MO	-
24 V motor	-	MO	-
230 V motor	-	MO	MO
2 roller blinds coupled	-	MO	-
MO=Option at additional cost ○ =Option - =Not available *With semi-circular end profile			







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## Classic roller blinds

### SI chain-pull roller blind



What sets the SI roller blind apart is its particularly sophisticated appearance. The stainless steel finish of the supports, operating chains and bottom end profiles gives the SI a special elegance. Available in a maximum width of 280 cm.



The screws for fastening the SI roller blind are, of course, all subtly concealed.

	SI
Dimensions in cm	
Max. width	280
Max. height	340
Options	
LITIO motor	MO
24 V motor	MO
230 V motor	MO
MO=Option at additional cost	



OMNIA



The chic appearance of “OMNIA” roller blind technology adds a special touch to your home. High-quality brushed aluminium brackets milled from a single piece and equipped with a polished stainless-steel ring set a particularly stylish and delicate tone. The system sets the highest standards when it comes to function, design and material selection, and is largely free of plastic components.

The key elements of the OMNIA are the two side panels milled from a solid aluminium block, which fully enclose the gear and counter bearings. The gear is particularly smooth-running and quiet.



The bottom end is a 20 mm round profile with aluminium end caps.

	OMNIA
Dimensions in cm	
Max. width	280
Max. height	340
Options	
LITIO motor	MO
24 V motor	MO
230 V motor	MO
MO = Option at additional cost	





# Classic roller blinds with carrier profile

## ST40 and ST55 chain-pull roller blinds



ST40



Fastening clip



ST55

The ST roller blind support is already pre-assembled on a carrier profile at the factory.

A convenient chain drive stops the drape at whatever height you want. The large model variant is available in widths of up to 280 cm.

The variable positioning of the fastening clips on the carrier profile enables simple, smooth installation.

	ST40	ST55
Dimensions in cm		
Max. width	200	280
Max. height	340	340
Bottom end profile/ components colour		
White microstructure/White	Standard	Standard
Anodised aluminium/Grey	○	○
Options		
Metal chain	MO	MO
Anti-swing mechanism	MO*	MO*
LITIO motor	-	MO
24 V motor	-	MO
230 V motor	-	MO
MO=Option at additional cost ○ =Option - =Not available * With semi-circular end profile		







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## Cassette roller blinds

SKH semi-cassette



The semi-cassette has a filigree side cover that was especially designed for installation on vinyl windows. Thanks to the shallow depth of the cassette, which is open on the glass side, and special end caps, the window can be opened wide.

SKM mini-cassette



This filigree and versatile cassette is perfect for mounting on windows (either in front of the casement or in the right-angled window bar). Aluminium profile guides can be added to the sides on request.

A smooth-running chain drive enables infinite adjustment of the drape (up to a system height of 150 cm).

	SKH	SKM
Dimensions in cm		
Max. width	150	150
Max. height	200	200
Bottom end profile/components colour		
White/White	Standard	Standard
Anodised aluminium/Grey	-	O
Options		
Metal chain	MO	MO
MO = Option at additional cost O = Option - = Not available		



# Cassette roller blinds

## SKR70, SKE70 and SKR90, SKE90

Cassette roller blinds for office and administration buildings, as well as for private use, must perform a wide variety of tasks and meet many different requirements. Of course they should provide for a friendly lighting atmosphere, so that you enjoy working in these rooms. KADECO roller blinds also allow glare-free working, without obstructing the view to the outside. Attractive design accents can thus be combined with the best functionality.

**Type SKR**  
The cassette roller blinds are available in the rounded version in two sizes. They are easy to install and impress with their ease of use.

**Type SKE**  
The square version of the cassette roller blinds provides a straight-line design with a puristic feel.

With widths of up to 320 cm and heights of up to 340 cm, the systems meet requirements for particularly large dimensions, for example in the project or commercial sector. As an option, the cassette roller blinds can also be operated with a metal chain or motorised.



Mounting bracket for wall or ceiling installation



SKR



SKE

## Round and square cassettes

The cassettes are available for roller blind widths of up to a maximum of 320 cm and in a choice of three sizes, which ensures a uniform design with balanced proportions in a range of system sizes. The straight back lies flush against the wall, enabling the fastening clips to be positioned where needed and out of sight. In order to underline the elegant appearance, a square-design end profile measuring 8 x 30 mm is provided.

In addition to the standard chain operation, convenient motor drives can be provided, and cassettes combined up to a maximum width of 490 cm.



Cassette roller blinds can be fitted with optional lateral guide profiles and brush seals integrated on the inside. The brush seal ensures you can operate the blinds quietly.



For improved room darkening, additional brush seals can be requested for the side guides and the back of the cassette toward the wall to compensate for unevenness in the plaster and resulting light gaps. The end profile would also be fitted with an additional bottom seal in this case.

	SKR70/SKE70	SKR90/SKE90
Dimensions in cm		
Max. width	200	320
Max. height	260	340
Bottom end profile/components colour		
White microstructure/White	Standard	Standard
Anodised aluminium/Grey	O	O
Options		
Metal chain	MO	MO
Anti-swing mechanism	MO	MO
LITIO motor	MO	MO
24 V motor	MO	MO
230 V motor	MO	MO
2 roller blinds coupled	MO	MO
Use as a darkening roller blind	MO	MO
MO = Option at additional cost O = Option		



# Recess cassette system

## Easy to integrate with a variety of combinations

The recess cassette system is a construction kit system whereby the recess profile can be easily and discreetly integrated into the room and a variety of ceilings. The basic recessed profile can be used either to hold an open roller blind or, in other variants, for the integration of an internal cassette.

### Optional recess variants

The inner cassette, which is open at the bottom or edged in different versions, is optionally available as a flush-mounted variant for complete integration into the ceiling.

The recess profile can be installed with a cassette open at the bottom and, depending on the installation situation, can optionally be closed using a side cover.

### Quick and easy to install

The recess profile is suitable for a wide variety of installation situations with numerous adaptation options for quick and easy installation. It can be integrated not only in suspended acoustic and plasterboard ceiling systems, but also in solid ceilings.

### Flexible scope of application

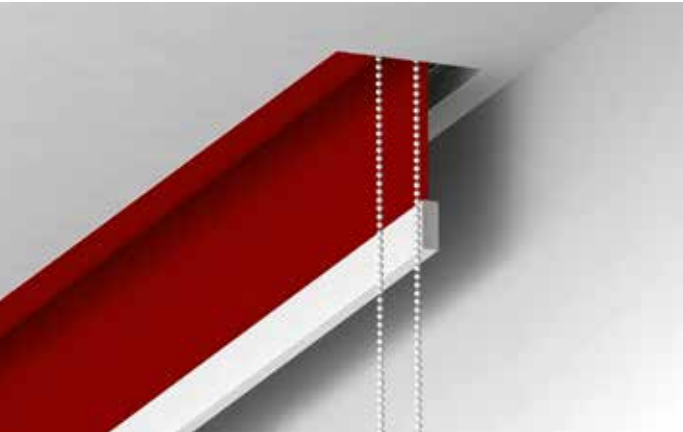
Depending on the system height, the roller blind can be fully retracted and can be used not only on window fronts, but also, for example, as a practical partition or for presentation screens.

The roller blind is then simply added as a module. The cassette system can be combined with both standard and carrier roller blinds, and on request, several roller blinds can even be inserted in one single recessed profile.

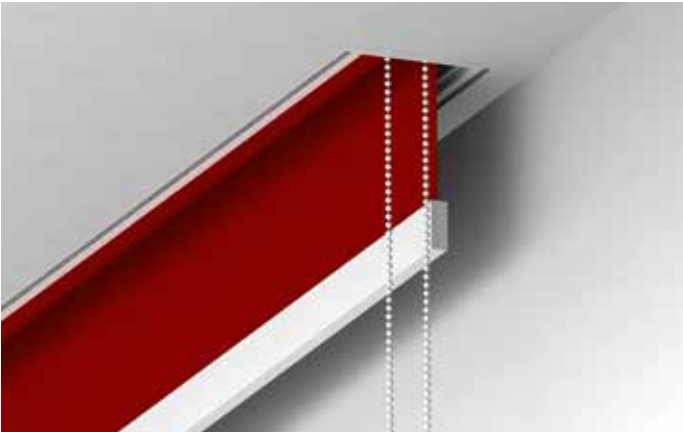
### Perfect integration of architecture and design

In order to integrate the system even better and visually more uniformly into a room, its surface is powder-coated in white micro-structure.

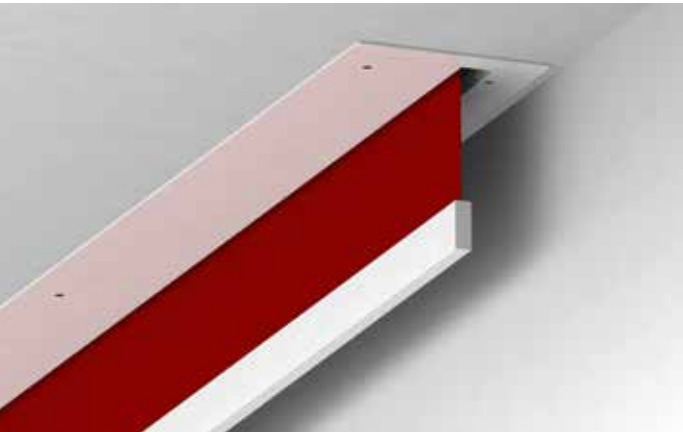
Please find detailed information in the design documents.



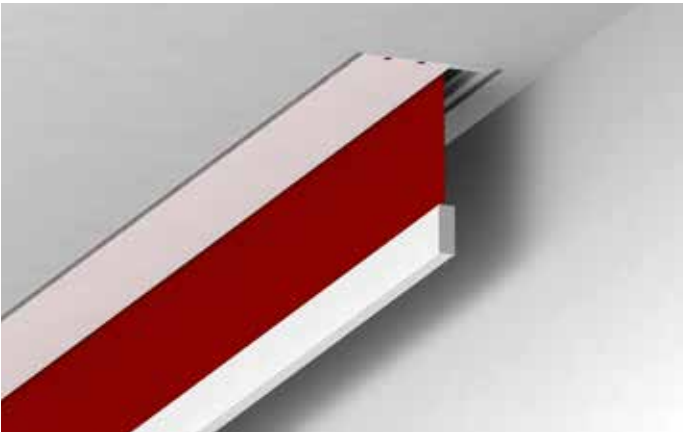
Open (only recess profile)



With internal cassette – open



With internal cassette – edged



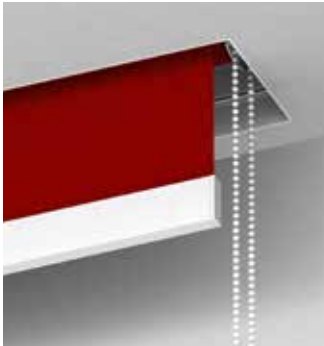
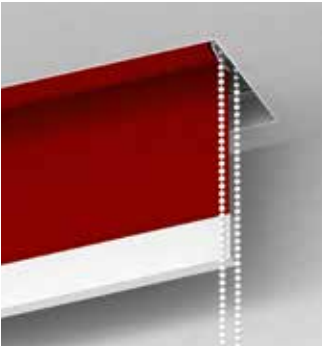
With internal cassette – flush



## Flexible internal cassette installation direction

If an internal cassette is being added to the recess profile, it doesn't matter in which direction the recess profile was installed in the ceiling. This prevents any installation errors. It can be decided on site whether the roller blind fabric is mounted rolling forward (standard) or rolling from the back by turning the inner cassette.

Note: Turning the internal cassette changes the operation side, i.e. the cable exit, of the motorised roller blinds.





## Rooflight roller blinds

Generally, KADECO roller blinds can be mounted in all standard rooflights. Normally the window model is sufficient in order to produce the roller blind made to measure. Any of the fabrics in our collection can be used, except for screen and foil materials. Impeccable functional reliability is guaranteed on roofs with a slope of more than 30°.



**DFS**  
The DFS roller blind fabric is permanently tensioned to hold it at the required taper. Two sets of brackets enable the bottom bar to be fixed at half or full window height. DFS is a standard roller blind type for affordably shading rooflights.



**DFK**  
The rooflight roller blinds DFK are the enhancement of the DFS model with an added cassette. It protects the material and integrates the roller blinds at the top, visually flush in the window frame.



**DFA**  
The DFA roller blind is particularly practical. The upper cassette and guide rails down the sides are integrated flush into the window frame. The fabric is stretched between the side rails to achieve the best possible blackout.

	DFS	DFK	DFA
Dimensions in cm			
Max. width	120	120	120
Max. height	150	150	160
Bottom end profile/components colour			
White/White	Standard	Standard	Standard
Anodised aluminium/Grey	-	○	○
○ = Option			
- = Not available			







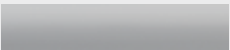





# Colouring for systems and components

### Standard version

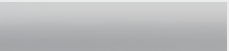



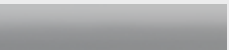









The components are available in white as standard. Various models offer the option of black or anodised aluminium; please see the technical specifications in the price lists for details.

Rail colours	Plastic parts
 Satin matte white	 White
 White gloss*	 White
 Black	 Black
 Anodised aluminium	 Grey

\*White gloss for BS, SKH, SKM, DFS, DFK, DFA

### Design version S55

We offer various design versions to visually enhance the carrier profile for the S55 model. The side supports are fitted with high-quality metal end caps and a matching end profile. You can choose from the following design colours:

Designer colours	Side support/gear
	Standard for selected design colour
 Brushed matte aluminium	 Grey
 Matte white microstructure*	 White
 Matte nickel	 Black
 Chrome	 Black
 Palladium	 Black
 Anodised brushed black	 Black
 Anodised matte brass	 Black

\*Also available for ST55

### Plastic parts

The plastic parts are available in white, grey and black to match the colours of the metal parts.





# Form and function

## Bottom end profiles

Six different bottom end profiles for KADECO roller blinds are available to choose from. Most roller blinds feature a square, visible aluminium profile as standard.



**Square**  
Standard for S, ST, SKR, SKE



**Seam**  
Optional at no extra cost  
for S, SI, ST, SKR, SKE



**Round, stainless steel**  
Standard for SI



**Drop-shaped**  
Only for types  
BS, SKH, SKM



**Semi-circular**  
Standard for S75  
Optional at additional cost  
for S, ST, SKR, SKE



**Fabric covered**  
Optional at additional cost  
for S, SI, ST, SKR, SKE

**Anti-swing mechanism**  
An optional anti-swing mechanism provides an optional side guide for roller blind types S, ST, SKR and SKE. The anti-swing mechanism comprises a wire tensioned to the left and right of the roller blind combined with a semi-circular bottom end profile and special end caps



**Coupling**  
Roller blind types S, SKE and SKR can be combined to create larger systems. A choice of two-sided or synchronous operation is available, which permits extension to a maximum width of 560 cm for type S and 490 cm for types SKR and SKE.





## Design and convenience



### Motors and automation

Electrically operated roller blinds from KADECO offer maximum safety and user-friendliness.

Operation is easy with a wall switch or a convenient remote control. Motors with Somfy io wireless technology can be connected to an existing home control, e.g. from Somfy, using an app on your smartphone or via your "Smart Home". All wired motors are suitable for home control via bus systems, without integrated radio.

Versatile automatic functions from a timer to the sun sensor not only increase safety, but also prevent the rooms from heating up – a perfect support for active energy saving. We offer a wide range of options for the roller blind electric drive. These include the ultra-quiet KADECO EVOLUTION motor, standard motors with 24 V or 230 V as well as battery-operated solutions if there is no power connection or for retrofitting.



**LITIO2.0** – the battery-operated motors for the new generation of LITIO2.0 products can be implemented very flexibly and do not require any preliminary work thanks to the durable battery.

Charging the lithium-ion battery is just as simple as the installation; depending on the product and the size of the system, the battery guarantees a period of operation of about 3 months (with 4 operating cycles per day). The battery can then be recharged using a battery charger with minimal effort.

Our LITIO 2.0 motors are also ideal for retrofitting if there is no power connection present or if no new power lines can be installed. The batteries are concealed in the rod.

To increase convenience levels here too, some of the wireless remote controls are equipped with a timer function. This enables you to raise or lower the roller blinds on a timer.



### LaserCut

With the innovative LaserCut technology from KADECO, we can apply patterns, symbols or writing to your drapes using computer-aided lasers. You can take advantage of our wide range of patterns which we have already prepared. All fabrics that are suitable for LaserCut are marked with an **L** symbol on the product overview.



welcome



Fabric properties







**Gorgeous fabrics**  
The KADECO collection is divided into the main categories of light-transmitting and darkening fabrics. Transparent fabrics of the ScreenClassic section as well as embossed films for micro Tex roller blinds complete the range for applications where visibility to the outside is required in addition to sun protection.

Fabrics made from recycled materials, which can be found in the LevelGreen section, are a special highlight. The recycled PES meets our high visual and technical requirements and makes a small but valuable environmental contribution when it comes to the cycle of recyclable material.


Material abbreviations		
CV		Viscose
PA		Polyamide
PES		Polyester
Recycled PES		Recycled polyester
PET laminate		Polyethylene terephthalate laminate
PVC		Polyvinyl
Trevira CS		Trevira CS

**Symbols and finishing**  
The climate in a room and the optical effect of a roller blind are dictated by the fabric's response to incident sunlight. The photometric values must be taken into account, which are assigned to each substance as percentages in the product overview.


Radiation physics distinguishes between light and energy, and thus defines the physical properties differently.

Photometric values	Solar values
<p>In physics, the visible range of the spectrum between 380 and 780 nm is defined as light. The reflection, transmission and absorption values indicated below always add up to 100 %.</p> <div><p><b>Reflectance (visual)</b> The light reflectance according to EN 14501 indicates which proportion of visible sunlight is reflected by the fabric.</p></div> <div><p><b>Transmittance (visual)</b> The light transmittance according to EN 14501 indicates which proportion of visible sunlight can penetrate the fabric.</p></div> <div><p><b>Absorption (visual)</b> The light absorption according to EN 14501 indicates which proportion of visible sunlight is absorbed by the fabric.</p></div>	<p>Solar radiation in both the visible and the invisible ranges must be considered when calculating the total energy transmission value. These values differ.</p> <div><p><b>Reflectance (solar)</b> The solar reflectance according to EN 14501 indicates which proportion of incident sunlight (entire spectrum) is reflected by the fabric.</p></div> <div><p><b>Transmittance (solar)</b> The solar transmittance according to EN 14501 indicates which proportion of incident sunlight (entire spectrum) can penetrate the fabric.</p></div> <div><p><b>Absorption (solar)</b> The solar absorption according to EN 14501 indicates which proportion of incident sunlight (entire spectrum) is absorbed by the fabric.</p></div>

**Energy values**  
The effect of the sunshade on the system comprising glazing and interior sun protection is defined using two key technical indicators: total energy transmission value (g<sub>total</sub>) and reduction factor (F<sub>C</sub>).



**Total energy transmission value**  
The total energy transmission value (g<sub>total</sub>) according to EN 13363-1 (simplified method) indicates how much solar energy can penetrate the overall system of glazing and sun protection into the room. If the aim is to save cooling energy in summer or prevent the room from heating up, then the total energy transmission value must be minimised. The sunshade should therefore reduce total transmission – the total energy transmission value should be as low as possible.



**Reduction factor**  
The reduction factor (F<sub>C</sub> value according to EN 14501) indicates how much a sunshade reduces the energy entry through the window. It can be a value between 0 and 1, and depends on the glass used. The F<sub>C</sub> value should be as low as possible, as this would indicate particularly effective sun protection.





# Fabric properties



**Pearlescent finish**  
KADECO's pearlescent-coated roller blind fabrics offer multiple benefits: The finish is particularly efficient at reflecting high levels of light and heat radiation. We particularly recommend these fabrics for large areas of glass as well as for offices or conservatories.



**Aluminisation**  
Aluminised fabrics not only have particularly good reflection properties; they are also available with varying degrees of transparency. In addition to protecting against glare and heat, they also maintain visibility to the outside.



**Sound absorbing**  
In order to improve indoor acoustics, we offer sound-absorbing fabrics that have measurable effects and which are certified in sound-absorbing classes according to EN ISO 11654.



**Teflon® finish**  
KADECO fabrics with Teflon® finish ensure invisible protection against soiling from a large number of household substances. Teflon® remains just as effective after cleaning and has been dermatologically tested. We recommend the use of these fabrics in kitchens and cafeterias, for example.



**Fungicidal finish**  
This finish has a broad antimicrobial spectrum and acts as a fungicidal. Due to this property, mould cannot penetrate the fabric.



**Flame resistance**  
Fire behaviour of the material tested according to various standards and divided into the following classes:  
B1 = flame-resistant according to DIN 4102-1  
M1 = non-flammable according to NF P 92-503-507



**OEKO-TEX® Standard 100**  
This label is a certification for fabrics which are made of materials tested for harmful substances and manufactured using environmentally friendly processes. In addition, safe and socially responsible working conditions are guaranteed. OEKO-TEX® Standard 100 indicates a low-emission fabric and rules out harmful chemicals.



**GREENGUARD-certification**  
The production of the textiles ensures that the strictest and most comprehensive requirements for reducing the emissions of indoor air pollutants are met. These textiles have been created for safe use even in sensitive environments such as schools or healthcare facilities.



**Cradle to Cradle Bronze**  
Out of five possible certification classes, this fabric has acquired the Bronze status with regard to Cradle to Cradle criteria. This means that more than 75 % of the fabric content conforms to the C2C chemical rating.

**Cradle to Cradle Certified™**  
Cradle to Cradle is the idea of an infinite biological cycle. In addition to the biodegradability of all materials, the Cradle to Cradle certification also takes into account the use of energy in the textile production chain, as well as CO<sub>2</sub> management, the responsible use of water and social fairness in production. It meets the strictest international standards for environmentally friendly interior design. The material is harmless to health and the environment.



**PVC-free**  
This property ensures the textiles are free from plasticisers.



# Energy efficiency

**Saving energy**  
Roller blinds with high reflection values can create a much more pleasant room climate, especially when solar radiation is strong. As such, they contribute to the energy efficiency of a building by enabling the use of air conditioning systems to be significantly reduced, for example.

In this respect, motor-driven roller blinds with intelligent control systems, such as “sun monitors” are particularly efficient. The monitor automatically lowers the roller blind in bright sunlight, thus reducing the extent to which the building interior heats up.



## Child-safe operation as per EN 13120

The European standard EN 13120 stipulates special requirements in respect of the child safety of sunscreens. The aim is to minimise the risk of a small child being strangled by operating chains or cord loops. If a product is fitted with such operating mechanisms, a minimum floor clearance (generally 150 cm) and the use of special safety components are mandatory.

Because the system is fitted with a chain holder at the factory, it is also possible to install the roller blinds for domestic use according to the requirements of the standard.

As a responsible manufacturer, we naturally make sure that our products comply with this standard and offer child-safe operating mechanisms for all of our models. When selecting your KADECO sunscreen, please bear in mind any local constraints in respect of child-safe and convenient operation.

Further information is available at [www.kadeco.de](http://www.kadeco.de), from your local industry association (e.g. in Germany: ViS – Verband innenliegender Sonnenschutz) or your national standards body.







## Suitability for use in work areas

### Provide the best light for your employees

Daylight makes you feel happy, energetic and productive. These positive attributes can also be brought into the workplace – without unpleasant side-effects such as glare, heat radiation or reflections on computer screens. The design of modern workplaces actually has such a significant effect on the health and well-being of employees, that information, guidelines and legal regulations have been created to ensure this is taken into consideration.

From 1996 to 2016, the German Screen Work Ordinance (BildscharbV) represented the German implementation of the authoritative EU regulations in this area.

When the **German Workplace Ordinance (ArbStättV)** was amended on 3 December 2016, the BildscharbV was merged with the ArbStättV, which is legally binding in Germany. The ArbStättV covers every aspect of designing workplaces and working conditions with regard to the health and safety of employees.

### What are considered good conditions in monitor-based workplaces?

- Every window must be fitted with a suitable, individually adjustable privacy shield and glare protection device
- Bothersome reflections and glares on screens must be prevented as much as possible
- Equipment should be adjustable so that users have a line of sight to the outside world, for most of the time at least
- It must be possible to react flexibly to changing daylight conditions
- The workplace must be sufficiently lit
- Screens must be at an approximately 90° angle in relation to the window in order to reduce reflections in general (note examples provided by the German Social Accident Insurance)

Practical information about implementing the EU directive can be found at: German Social Accident Insurance (DGUV) Information 215-444 (sun protection in offices).

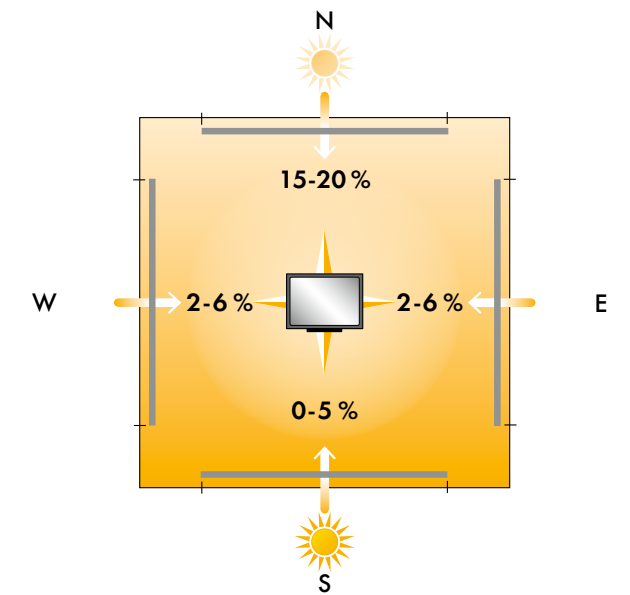
### Find easy, attractive ways to implement legal requirements with KADECO

Workplace windows must have an effective and flexible glare protection system in place so that employees can benefit from daylight, but won't be disturbed. Since you can individually react to the amount of incident light with KADECO's interior privacy screens and sunscreens, these are suitable as internal glare protection at the workplace.

### Current legal requirements, standards and directives:

- German Workplace Ordinance, ArbStättV, Appendix 6 (measures for the design of monitor-based workplaces)
- Technical regulations for workplaces, ASR 3.4 (lighting)
- German Social Accident Insurance DGUV Information 215-444
- Lighting of work places – Indoor work places, EN 12464-1
- Ergonomic requirements for office work with visual display terminals, EN ISO 9241-6

### Recommended transmission values





### Note:

This information does not claim to be complete, and does not exclude any other equivalent technical solutions that are equally safe. In certain unfavourable situations, additional external glare protection may be necessary.

### Suitability for use in work areas

Fabrics marked as follows are suitable for monitor-based workplaces facing the following directions:

 South – West – North – East  
Light transmission of the fabric 0–5 %

 West – North – East  
Light transmission of the fabric 6 %

 North  
Light transmission of the fabric 7–20 %

You can find additional information on this topic in the brochure “Optimale Lichtbedingungen für Bildschirmarbeitsplätze durch innenliegenden Sicht- und Sonnenschutz” (Optimal lighting conditions for monitor-based workplaces via internal privacy screens and sunshades) by the ViS (Association of internal sight and sun protection systems).



# Care information

The finish makes KADECO roller blinds insensitive to dust and dirt. If you do want to clean them, please observe the special instructions indicated by the cleaning symbols and the enclosed instructions.



## Brushing

Soiling (e.g. dust) can generally be removed with a soft clothes brush or carefully vacuumed off.



## Damp cloth

To moist-wipe the roller blind, place it on a smooth surface. Wipe the roller blind carefully on both sides with a soft cloth that has been moistened with mild detergent.



## Cleaning bath (for panel tracks only)

Loosely roll up the lengths of fabric. Reach into the rolled up length of fabric from the side and move it around in warm mild detergent (max. 30°C) for no more than 10-15 minutes. After immersing the fabric, rinse it out with clean water, let it drip for a moment and then hang it back up while still wet. Once the bottom profile has been attached to the lengths of fabric, hang them up (with a towel underneath to catch the drips) and allow them to dry with the window open.

## Important: Do not iron the fabrics!

Mechanical parts of electrical units must not come into contact with water!

If you are cleaning glass and window frames, never use abrasive or alkali detergents. We cannot accept any liability for fabric damage caused by condensation, detergents or insects soiling the fabric. Nor do we accept any liability for subsequent damage due to incorrect handling of our products.

Please see our product overview for recommendations on how to care for the various fabrics.





# Panel tracks

A large proportion of KADECO roller blind fabrics is suitable for use as panel tracks. Panel tracks from KADECO are variable and superbly versatile. Because the panels are individually movable and you can combine various colours and fabrics with each other, this gives you the creative freedom you need to come up with an interior design scheme that is not only functional and modern, but also aesthetically pleasing. Applications for panel tracks range from large window areas in residential and commercial buildings right up to room dividers or wall coverings.

**Technology with safety and comfort**  
KADECO panel tracks feature sophisticated technology and are easy to operate, as well as being virtually maintenance-free thanks to the use of high-quality components.

Please consult your retailer for details about the technical capabilities and further fabrics from our panel track collection.



Three technical variations are available with a range of operating options:



**FVV**  
**Freely movable**  
To operate the system, you simply push the individual panels in any direction. Profile connectors allow several panel track rails to be coupled with one another and extended as required. You can choose whatever panel width you want and however many panels you need. The overlapping results from the flexible positioning of the panels.



**FVS**  
**Cord pull operation**  
The cord pull can be positioned right or left, and ensures comfortable and easy operation up to a unit width of 700 cm thanks to its roller redirections.



**FVB**  
**With operating rod**  
The system is operated by the operating rod on the first panel carriage, which then pulls the remaining panels with it using pusher carriers. Profile connectors allow several rails to be coupled and extended to widths of more than 700 cm.



**Combinations with panel tracks**  
In case a room is equipped with windows in differing dimensions, it is useful to install different sun protection systems. In order to perfectly harmonise the individual products with each other, we offer many fabrics both for panel tracks and roller blinds. By means of the cross-product combination of colours and designs, you achieve a harmonic appearance.



All of the fabrics in our collection that bear this pictogram are suitable for panel tracks.



The patterns bearing this mark are rotated by 90° to make them suitable for use as panel tracks. In this collection all fabrics are shown in the direction suitable for roller blinds.